

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

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In re Patent Application of:  
Russell Hudyma et al.

Application No.: 10/521,504

Confirmation No.: 1988

Filed: January 11, 2005

Art Unit: 2873

For: CATADIORPTRIC MULTI-MIRROR OPTICAL  
SYSTEMS FOR PROJECTION  
LITHOGRAPHY

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Examiner: S. J. Sugarman

**RESPONSE TO ELECTION OF SPECIES REQUIREMENT**

MS Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

In the Office Action mailed June 28, 2007, the Examiner has required restriction between the following Species:

- Species I.      Claims 1-9 and 10-29, a catadioptric projection objective having a virtual image;
- Species II      Claims 30-32 and 34, a catadioptric projection objective with multiple mirrors and lenses; and
- Species III      Claim 37, a catadioptric projection objective having a double pass.